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International Filing Date O-3 Name of receiving Office and "PCT International Application" O-4 Form PCT/RO/101 PCT Request O-4-1 Prepared Using PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162) O-5 Petitlon The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty O-6 Receiving Office (specified by the applicant) O-7 Applicant's or agent's file reference I Title of Invention Information PROCESS APPARATUS AND METHOD PROGRAM, AND RECORD MEDIUM	0	For receiving Office use only	
Name of receiving Office and 'PCT International Application' PCT-SAPE [EASY mode] Version 3.50 (Build 0002.162)	0-1	International Application No.	
International Application* O-4 Form PCT/RO/101 PCT Request PCT - SAFE [EASY mode] Version 3.50 (Build 0002.162) O-5 Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty O-6 Receiving Office (specified by the applicant) Applicant's or agent's file reference S04P1356W000 I Title of Invention INFORMATION PROCESS APPARATUS AND METHOD PROGRAM, AND RECORD MEDIUM II Applicant III This person is Applicant on Ity Applicant for Applicant on Ity Applicant on Ity Address SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 Japan III-6 State of nationality JP Telephone No. 03-5448-2111 III-1 Facsimile No. 03-5448-2111 III-1 Applicant and/or inventor III-1 III-1 III-1 Applicant for Applicant and/or inventor III-1 III-1 Applicant and/or inventor III-1 Address Applicant on Ity Applicant for Applicant and/or inventor III-1 Applicant for Address Applicant for Address Applicant for Address Addr	0-2	International Filing Date	
Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treatly O-6 Receiving Office (specified by the applicant) O-7 Applicant O-7 Applicant O-8 Applicant O-9 Applicant only O-9 O-9 Applicant only O-9 O-9 Applicant only O-9	0-3		
Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treatly O-6 Receiving Office (specified by the applicant) O-7 Applicant O-7 Applicant O-8 Applicant O-9 Applicant only O-9 O-9 Applicant only O-9 O-9 Applicant only O-9		<u> </u>	<u> </u>
Version 3.50 (Build 0002.162) Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty O-6 Receiving Office (specified by the applicant) O-7 Applicant's or agent's file reference S04P1356W000 I Title of invention INFORMATION PROCESS APPARATUS AND METHOD PROGRAM, AND RECORD MEDIUM III.1 This person is III.2 Applicant for III.3 Applicant for III.4 Address O-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 Japan III.6 State of nationality JP State of residence JP Telephone No. O3-5448-2111 III.1-1 This person is Applicant and/or inventor This person is Applicant and/or inventor This person is Applicant for III.1-2 Applicant for Name MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. III.1-6 State of nationality JP	0-4	Form PCT/RO/101 PCT Request	
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty 0-6 Receiving Office (specified by the applicant) 0-7 Applicant's or agent's file reference 1 Title of invention 1 Title of invention 2 Applicant 1 This person is 1 Applicant for 1 Address 1 Address 2 Applicant for 1 Address 3 Applicant only 2 all designated States except US 3 Applicant only 4 Address 4 Address 5 Address 5 Applicant only 6 Address 7 - 35, Kitashinagawa 6 - chome, Shinagawa-ku, Tokyo 1410001 1 Japan 1 Japan 1 Facsimile No. 1 Applicant only 1 Applicant only 1 Applicant only 2 Applicant only 3 - 5448 - 2111 3 - 5448 - 5709 3 - 5448 - 5709 4 Applicant only 4 Applicant only 5 Applicant only 6 Address 6 Address 7 Applicant only 7 Applicant only 8 Applicant only 8 Applicant only 8 Applicant only 9 Applicant only 1 Applicant only 1 Applicant for 1 Applicant Address 1 Applicant only 1 Applicant only 1 Applicant only 2 Address 1 Applicant only 1 Applicant only 2 Address 1 Applicant Only 2 Address 1 Address	0-4-1	Prepared Using	<u> </u>
present international application be processed according to the Patent Cooperation Treaty 0-6 applicant) 0-7 Receiving Office (specified by the applicant) 0-7 Applicant's or agent's file reference 1 Title of Invention 1 Title of Invention 1 Title of Invention 1 Applicant 1 H-1 This person is 1 Applicant for 1 H-2 Applicant for 1 H-5 Address 1 Address 1 Telephone No. 2 Applicant only 3 Applicant only 3 Applicant only 4 Applicant only 5 Address 1 Telephone No. 2 Applicant only 3 Applicant only 4 Applicant and/or inventor 5 This person is 6 Address 1 Applicant and/or inventor 7 This person is 7 Applicant for 8 Applicant for 8 Applicant only 9 Appli	0-5	Petition	
applicant) 0-7 Applicant's or agent's file reference S04P1356W000 I Title of Invention INFORMATION PROCESS APPARATUS AND METHOD PROGRAM, AND RECORD MEDIUM II Applicant III-1 This person is III-2 Applicant for III-5 Address III-6 State of nationality III-1 This person is III-1 This person is III-1 Applicant for III-1 This person is III-1 Applicant and/or inventor IIII-1 This person is III-1 Applicant and/or inventor IIII-1 Applicant for III-1-2 Applicant for III-1-5 Address III-1-6 State of nationality III-1-6 State of nationality JP		present international application be processed according to the Patent	
Title of Invention INFORMATION PROCESS APPARATUS AND METHOD PROGRAM, AND RECORD MEDIUM Applicant This person is applicant only all designated States except US	0-6	, , ,	Japan Patent Office (RO/JP)
PROGRAM, AND RECORD MEDIUM	0-7	Applicant's or agent's file reference	S04P1356WO00
II-1	ı	Title of Invention	INFORMATION PROCESS APPARATUS AND METHOD, PROGRAM, AND RECORD MEDIUM
II-2 Applicant for all designated States except US III-4 Name SONY CORPORATION II-5 Address 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 Japan II-6 State of nationality JP II-7 State of residence JP II-8 Telephone No. 03-5448-2111 II-9 Facsimile No. 03-5448-5709 III-1 Applicant and/or inventor This person is applicant only III-1-2 Applicant for all designated States except US III-1-5 Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan III-1-6 State of nationality JP III-1-6 State of nationality JP III-1-1 State of nationality JP III-1-2 Applicant for Address 1006, Oaza Kadoma, Kadoma-shi, Osaka III-1-6 State of nationality JP III-1-6 State of nationality JP III-1-6 State of nationality JP III-1-1 State of nationality JP III-1-2 Address Address Address Japan III-1-2 Japan Japan III-1-3 Japan Japan Japan III-1-4 Japan Japan Japan III-1-5 Japan Japan Japan Japan Japan III-1-6 State of nationality JP III-1-7 Japan	II	Applicant	
Name SONY CORPORATION	II-1	This person is	applicant only
Address	II-2	Applicant for	all designated States except US
ku, Tokyo 1410001 Japan II-6 State of nationality JP II-7 State of residence JP II-8 Telephone No. 03-5448-2111 II-9 Facsimile No. 03-5448-5709 III-1 Applicant and/or inventor III-1-1 This person is applicant only III-1-2 Applicant for all designated States except US III-1-4 Name MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. III-1-5 Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan III-1-6 State of nationality JP	11-4	Name	SONY CORPORATION
II-6 State of nationality JP II-7 State of residence JP II-8 Telephone No. 03-5448-2111 II-9 Facsimile No. 03-5448-5709 III-1 Applicant and/or inventor III-1-1 This person is applicant only III-1-2 Applicant for all designated States except US III-1-4 Name MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. III-1-5 Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan JP JP III-1-6 State of nationality JP III-1-6 State of nationality JP III-1-7 JP JP III-1-8 State of nationality JP III-1-9 State of nationality JP III-1-1 JP JP III-1-2 JP JP III-1-3 JP JP III-1-4 State of nationality JP III-1-6 State of nationality JP III-1-1 JP JP III-1-2 JP JP III-1-3 JP III-1-4 JP JP III-1-5 JP JP III-1-6 State of nationality JP III-1-1 JP JP III-1-2 JP JP III-1-3 JP III-1-4 JP JP III-1-5 JP JP III-1-6 State of nationality JP III-1-1 JP JP III-1-2 JP JP III-1-3 JP JP III-1-4 JP JP III-1-5 JP JP III-1-6 State of nationality JP III-1-1 JP JP III-1-2 JP JP III-1-2 JP JP III-1-3 JP JP III-1-4 JP JP III-1-5 JP JP III-1-6 JP JP III-1-6 JP JP III-1-6 JP JP III-1-7 JP III-1-8 JP JP III-1-8 JP JP III-1-9 JP JP III-1-1 JP III-1-1 JP JP III-1-2 JP III-1-2 JP JP III-1-3 JP JP III-1-4 JP JP III-1-5 JP JP III-1-6 JP JP III-1-7 JP JP III-1-8 JP JP III-1-8 JP JP III-1-9 JP JP III-1-1 JP JP II	II-5	Address	ku, Tokyo 1410001
II-7 State of residence JP II-8 Telephone No. 03-5448-2111 III-9 Facsimile No. 03-5448-5709 III-1 Applicant and/or inventor This person is applicant only III-1-2 Applicant for all designated States except US III-1-4 Name MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. III-1-5 Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan JP III-1-6 State of nationality JP	II-6	State of nationality	
II-8 Telephone No. 03-5448-2111 11-9 Facsimile No. 03-5448-5709		•	
Facsimile No. 03-5448-5709			
III-1 Applicant and/or inventor This person is applicant only all designated States except US III-1-2 Applicant for all designated States except US MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. III-1-5 Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan JP Japan JP JP JP JP JP JP JP J			
This person is applicant only Applicant for all designated States except US Name MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan JP	111-1	Applicant and/or inventor	03-3440-3709
Applicant for all designated States except US MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan JP JP JP JP JP JP JP J			applicant only
Name MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan Jp Jp Jp Jp Jp Jp Jp	III-1-2		1
Address 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 Japan III-1-6 State of nationality JP		1.7	_
III-1-6 State of nationality JP			1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501
U.S.			
III-1-7 State of residence JP			1
	III-1-7 ———	State of residence	JP

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III-2	Applicant and/or inventor					
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III-3	Applicant and/or inventor					
III-3-1	This person is	applicant and inventor				
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-		Japan				
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III-3-7	State of residence	JP				
III-4	Applicant and/or inventor					
111-4-1	This person is	applicant and inventor				
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		Japan				
III-4-6	State of nationality	JP				
111-4-7	State of residence	Jp				

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111-5	Applicant and/or inventor	
III-5-1	This person is	applicant and inventor
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III-5-4	Name (LAST, First)	SAITOU, Hiroshi
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111-5-7	State of residence	JP
III-6	Applicant and/or inventor	
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111-6-4	Name (LAST, First)	GOTOU, Yoshiho
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		Japan
III-6-6	State of nationality	JP
III-6-7	State of residence	JP
111-7	Applicant and/or inventor	
III-7-1	This person is	applicant and inventor
· III-7-2	Applicant for	US only
111-7-4	Name (LAST, First)	BANNAI, Tatsushi
111-7-5	Address	389-12, Kitanoda, Sakai-shi, Osaka
		5998123
		Japan
III-7-6	State of nationality	JP
III-7-7	State of residence	JP
IV-1	Agent or common representative; or address for correspondence	
.* .	The person identified below is hereby/	agent
	has been appointed to act on behalf of the applicant(s) before the competent	
	International Authorities as:	
IV-1-1	Name (LAST, First)	SUGIURA, Masatomo
IV-1-2	Address	Ikebukuro Park Bldg., 49-7, Minami
		Ikebukuro 2-chome, Toshima-ku, Tokyo
		1710022
		Japan
IV-1-3	Telephone No.	03-3980-0339
IV-1-4	Facsimile No.	03-3982-3166
IV-1-5	e-mail	sugipat2@mbc.nifty.com

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IV-2	Additional agent(s)	additional agent(s)	with same address as
•		first named agent	
IV-2-1	Name(s)	MORI, Koh-ichi	
<u>v</u>	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of		
	all Contracting States bound by the PCT on the international filing date, for the grant of every kind of		
	protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	11 June 2003 (11.06.	2003)
VI-1-2	Number	2003-165835	
VI-1-3	Country	JP	
VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International	VI-1	
	Bureau a certified copy of the earlier application(s) identified above as item(s):		
VII-1	International Searching Authority Chosen	Japan Patent Office	(ISA/JP)
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application		
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty		
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	/
IX-2	Description	74	-
IX-3	Claims	4	<u>-</u>
IX-4	Abstract	1	/
IX-4 IX-5 IX-7	Abstract Drawings TOTAL	41	-

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	Accompanying Items	paper document(s) attached	electronic file(s) attached		
IX-8	Fee calculation sheet	1	-		
IX-17	PCT-SAFE physical media	_	· /		
IX-18	other	Revenue stamps of transmittal fee and search fee for			
		receiving office			
IX-18	other	Submission of certificate of			
		payment for international fee			
IX-19	Figure of the drawings which should accompany the abstract	5			
IX-20	Language of filing of the International application	Japanese			
X-1	Signature of applicant, agent or common representative				
X-1-1	Name (LAST, First)	SUGIURA, Masatomo			
X-1-2 X-1-3	Name of signatory Capacity				
X-2	Signature of applicant, agent or common representative				
X-2-1	Name (LAST, First)	MORI, Koh-ichi			
X-2-2 X-2-3	Name of signatory Capacity				

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

6/6

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11-1	Date of receipt of the record copy by	 •	1.3	
	the International Bureau			